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Patent Abstract

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GER 2001-08-09 10002414 **Additive atomization appliance**

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PATENT NUMBER- 10002414/DE-A1
PATENT APPLICATION NUMBER- 10002414
DATE FILED- 2000-01-21
DOCUMENT TYPE- A1, DOCUMENT LAID OPEN (FIRST PUBLICATION)
PUBLICATION DATE- 2001-08-09
INTERNATIONAL PATENT CLASS- B05B01200; B05B00728; F16N00734; B05B00700D; B05B00724G5; B05B00724G7; B05B01208T; B05B01214C2; B05B01214C2B; B05B01704; F16N00734
PATENT APPLICATION PRIORITY- 10002414, A
PRIORITY COUNTRY CODE- DE, Germany, Ged. Rep. of
PRIORITY DATE- 2000-01-21
FILING LANGUAGE- German
LANGUAGE- German NDN- 203-0467-1347-5

The invention involves an additive atomization appliance, as well as wide facilities and a procedure for the atomization of a liquid additive, especially a lubricant, in a gaseous printed

medium, especially compressed air, the one printed medium current channel (10) durchstroemt. The additive is promoted by an admittance (26) of an Additiv-Durchlasskanals (24) to the Einspeisung of the additive from an additive supply equipment (27, 28) on that occasion to one into the printed medium current canal (10) of leading omit (25). A recording equipment (17, 18) investigates at least one physical size the printed medium current canal (10) and reports these over a Meldeeinrichtung (19, 20) at a tax equipment (21). The tax equipment (21) steers determined physical size a printer generation appliance (43, 47) through the recording equipment (17, 18) in dependence on the at least one over a gate (23). The printer generation appliance (43, 47) exerts printed impulses on the additive in the at least one Additiv-Durchlasskanal (24) so that additive drops at him/it are knocked out omit (25).

EXEMPLARY CLAIMS- 1. Additive atomization appliance to the atomization of a liquid additive. especially a lubricant. in a gaseous printed medium. especially compressed air. with at least one Additiv-Durchlasskanal (24). this an admittance (26) to the Einspeisung of the additive from an additive supply equipment (27). 28, his/its omits (25) in a printed medium current canal (10) shows and leads. that of the printed medium durchstroemt becomes. through it marked. that a recording equipment (17) the printed medium current canal (10). 18, to the investigation at least one physical size is assigned. this the recording equipment (17). 18, over a Meldeeinrichtung (19). 20, at a tax equipment (21) can report. and that a printer generation appliance (43) in the at least one Additiv-Durchlasskanal (24). 47, is intended. with the one printed momentum on the additive, it can be exerted. so that an additive drop at him/it is knocked out omit (25). and this through the tax equipment (21) in dependence from the at least one through the recording equipment (17). 18, determined physical size rateable is. 2. Additive atomization appliance after claim 1, marked by it, that at least the printer generation appliance (43, 47) a piezo-elektrisches und/oder magnetostriktives und/oder element (43) memory-metallic und/oder one the additive or a separated work liquid of evaporating Heizelement (47) of the production of the printed impulse contains. 3. Additive atomization appliance after claim 1 or 2, marked by it, that the recording equipment (17, 18), as at least one physical size determines the momentary flow of the printed medium from the printed medium current canal (10). 4. Additive atomization appliance after claim 1, 2 or 3, marked by it, that the recording equipment (17, 18), as at least one physical size investigates the concentration of the additive the printed medium. 5. Additive atomization appliance after one of the claims 1 to 4, marked by it, that a

Heizvorrichtung of und/oder cool appliance

NO-DESCRIPTORS

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